

Converting Colors

CIELCh(90, 6.184, 326.361)

Have a look what the booklet for
CIELCh(90, 6.184, 326.361) contains.

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Color

CIELCh(90, 6.544, 327.221)

Conversions

Conversions Part 1	
Format	Color
Hex	EADFE9
RGB	234, 223, 233
RGB Percent	92%, 87%, 91%
CMY	0.0816, 0.1247, 0.0855
CMYK	0.00, 0.05, 0.00, 0.08
HSL	305°, 21%, 90%
HSV	305°, 5%, 92%
XYZ	75.1757, 76.3034, 88.0075
YIQ	227.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

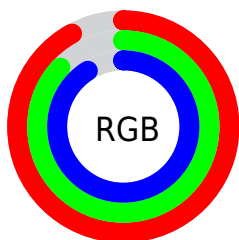
Format	Color
RYB	234, 223, 233
Decimal	15392745
CIELab	90.00, 5.50, -3.54
CIELCh	90, 6.544, 327.221
Yxy	76.3034, 0.3139, 0.3186
Android (android.graphics.Color)	4293582825 (0xFFEADFE9)
YUV	227.4290, 2.7465, 5.7628
Hunter-Lab	87.3518, 0.7531, 1.4112

Details

The CIELCh color **90, 6.544, 327.221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 6.521, 146.771**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 6.225, 327.550** is the 20% darker color. If you saturate the color by 10%, you get **84, 20.585, 327.835**, and if you desaturate by 10%, it is **96, 7.296, 146.746**.

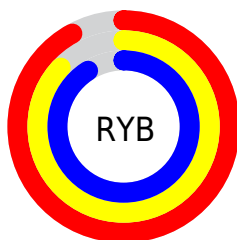
Distribution



Red (92%)

Green (87%)

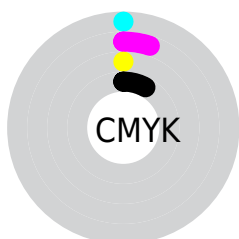
Blue (91%)



Red (92%)

Yellow (87%)

Blue (91%)

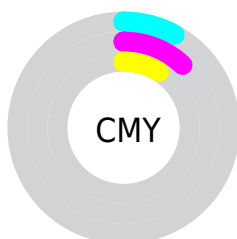


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 6.544, 327.221 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 90, 6.544, 327.221 by changing the saturation by 10% instead.




 90, 6.544, 327.221

 90, 6.544, 327.221


 84, 20.585,
327.835


 96, 7.296, 146.746


 79, 34.656,
328.428


 98, 11.618,
148.579

 73, 48.482,
329.016

 98, 10.786,
152.168

 69, 61.680,
329.589

 98, 10.001,
156.327


 64, 73.755,
330.141

 98, 9.275, 161.153

 98, 8.622, 166.741


 61, 84.127,
330.663


 98, 8.061, 173.163

 58, 92.223,
331.151

 98, 7.613, 180.431

 98, 7.298, 188.457

 56, 97.620,
331.611

 55,100.221,
332.053

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90, 6.544, 327.221



92, 6.521, 146.771

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 6.544, 327.221



90, 6.544, 17.221



90, 6.544, 147.221



90, 6.544, 197.221

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90, 6.541, 327.222



99, 1.496, 326.834



89, 5.747, 293.864



53, 0.851, 326.820



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 6.541, 327.222



96, 8.962, 327.309



90, 4.630, 348.708



47, 5.553, 327.347



42, 83.217, 332.214



9, 36.008, 331.581

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



90, 6.541, 327.222



96, 8.962, 327.309



92, 4.580, 168.097



47, 5.553, 327.347



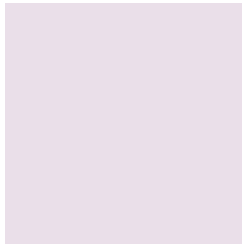
42, 83.217, 332.214



9, 36.008, 331.581

Previews

White Background



This preview shows how the CIE LCh color 90, 6.544, 327.221 looks on a white background.

Color Contrast Check

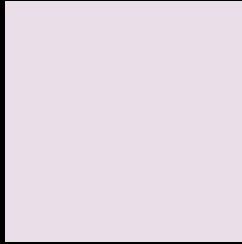
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 90, 6.544, 327.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

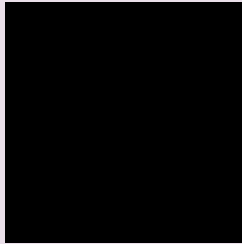
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

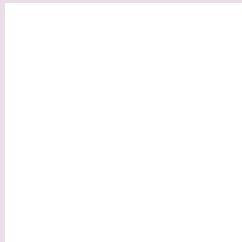
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.544, 327.221

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.544, 327.221.

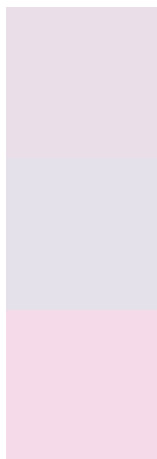


This preview shows how white text looks on a background with the CIELCh color 90, 6.544, 327.221.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

90, 6.544, 327.221

Protanopia

90, 4.818, 303.243

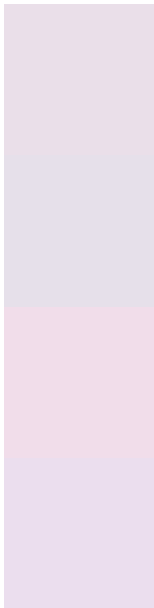
Deuteranopia

90, 12.170, 340.524

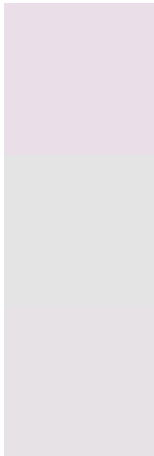


Tritanopia
90, 10.472, 316.729

Trichromacy

	Original Color 90, 6.544, 327.221
	Protanomaly 90, 5.648, 312.631
	Deuteranomaly 90, 9.866, 336.937
	Tritanomaly 90, 9.552, 319.459

Monochromacy

	Original Color 90, 6.544, 327.221
	Achromatopsia 91, 0.011, 296.813
	Achromatomaly 90, 2.541, 324.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.544, 327.221 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(234, 223, 233)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(234, 223, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.544, 327.221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 223, 233) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(234, 223, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(234, 223, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.544, 327.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(234,  
223, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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